

Product datasheet for **MC218645**

Prosapip1 (BC058280) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prosapip1 (BC058280) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prosapip1
Synonyms:	Prosapip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC058280
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGAAGCTGGAGACGTTACCTGTGCGCGCTGATCCAGGGAGGGATCCTCTCCTGGCCTTTGCCCCC
 GGCTTCTGAGCTTGACCCCCAGATCCCGCCTGACTATGGGCAGTTGCTCGGAGCCACTAGTTCGGCC
 ATCAGCCTTCAAGCCTGTTGTACCAAGAACTTTCATTCCATGCAGAACTTGTGTCTCCACAGACCAAT
 GGGACCCCTGAGGGACGACAGGGCCCCGCGGCCCTCAAAGGCGGACTGGACAAGTCTCGGACCATGACCC
 CAGCTGGTGGGAGTGGGGCGGCCCTCTCAGACTCAGGCCGGAACCTCACTCACAAGCTTGCCACCTATAG
 CTCCAGCTATAGCCAGCATCTGGCACCCCTCAGTGCTTCCACCAGCCATATCAACCGTATTGGCACCGCT
 GGCTATAGTAGTGGCAGTAGCGTGGGGGTGAGGCTACCAGGATCTGGGGACCTCTGACAGTGGGCGGG
 CTTCCAGTAAGAGTGGGTCGTATCATCCATGGGGCGGTGAGGCCACCTGGGATCCGGGGAGGGCGGAAA
 TGGGGGCTGCCATTTGAGCCTGTTCAACACCCTCGCCAGTGCCTGATCCAGGAGCTGGAGGAGCGG
 CTGTGGGAGAAGGAGCAGGAGGTGGCAGCTCTGCGGCGCAGCCTGGAGCAGAGCGAGGCAGCCGTGGCCC
 AGGTGTTGGAGGAGCGGCGAGAAGGCATGGGAGCGGGAGCTAGCCGAGCTCCGGCAGGGCTGCACTGGGAA
 GCTGCAGCAGGTGGCCCGCCGTGCCAGCGTGCCAGCAGGGCCCTACAGCTGCAGGTGCTGCGGTTACAG
 CAGGACAAGAAACAGCTGCAGGAGGAGGCGGCCAGCTGATAAGGCAACGGGAAGAGCTGGAGGACAAGG
 TGGCCGTCTGTGAGAAGGAGCAGGCCGACTTCTGCCCGGATGGAGGAACTAAGTGGGAGGTGTGCCA
 GAAGGCCGGTGAGATTTCCCTCCTGAAGCAACAACCTGAAGGACTCTCAGGCCGATGTGTGCGAGAAGTTG
 AGTGAGATCGTGGGCTGCGCTCACAGCTTCGGGAGGGTAGGGCCTCGCTCCGGGAGAAGGAGGAGCAGC
 TGCTCAGCTTGAGGGACTCCTTCGGCAGCAACAGGCCAGCCTGGAGCTGAGTGAAGGCGAGCTGCCCCC
 TGCTGCCTCAAGCCTGCGCTGACCCCCGTGGACCTGGTCGAGCCACAGGAGGCGCTGGCCTCCTGTGAG
 AGTGACGAGGCCAAGATGCGCCGCGAGGCTGGCGTGGCGCTGCCGCTTCTGTGTTTCTGTTGATGGGG
 AGGTGGAGGCTGGAGGAGAGGGTGGGACACGGGCCCTACGCAGGGAGGTGGGAGATTGCAGGCTGAGCT
 GGCTGCTGAGCGGCGTGCCCGTGAGCGCCAGGGTGCCAGCTTTGCGGAGGAGCGCCGGGTGTGTTGGAG
 GAGAAGGAGAAGGTATTGAGTATCAGAAACAGCTCCAGCTGAGTTATGTGGAGATGTATCAGCGCAACC
 AGCAGCTGGAGCGGCGACTTCGGGAGCGTGGGGCAGCAGGGGGTCCAGCACGCCTACTCCCCAGCATGG
 AGAGGAAAAGAAAGCCTGGACCCCTCCCGCTGGAGCGCATCGAGTCCACTGAAATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC058280

Insert Size: 1671 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC058280](#), [AAH58280](#)

RefSeq Size: 3832 bp

RefSeq ORF: 1670 bp

Locus ID: 241638

Cytogenetics: 2 F1

Gene Summary: May be involved in promoting the maturation of dendritic spines, probably via regulating SIPA1L1 levels at the postsynaptic density of synapses.[UniProtKB/Swiss-Prot Function]